

Sub Spindle **Tool Holding**

For CITIZEN L12, L20, & L32 Machines

- Holds 3/4in or 1in shank collet sleeves or boring bar holders
- Shorter block length provides clearance for deeper hole drilling operations
- Coolant-Thru

L32 Citizen Machines

Tool Holder
CIT-SAU825-S-CT

OPTIONAL 1in ER16 Collet Sleeve
CS-16-254-050CX

ER16 Collet & Nut Not Included



L20 & L12 Citizen Machines

Tool Holder
CIT-SAU919-S-CT

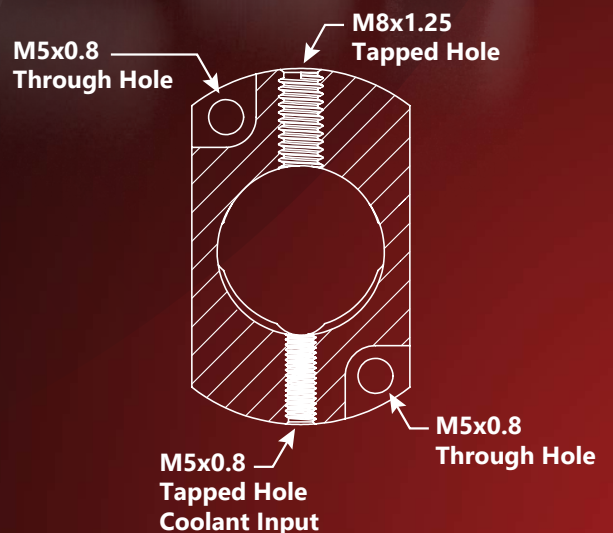
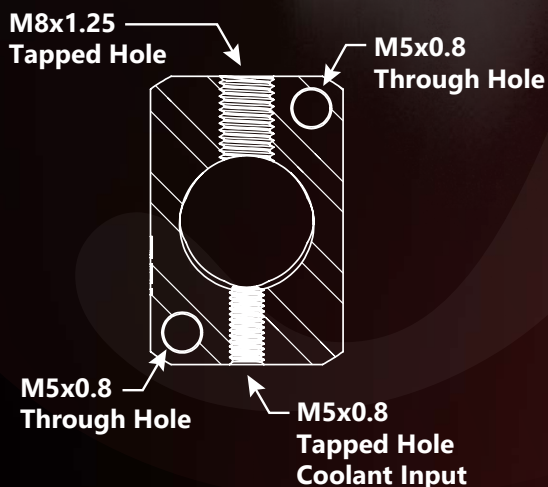
OPTIONAL 3/4in ER16 Collet Sleeve
CS-16-190-040CX

ER16 Collet & Nut Not Included



Tool Holder
CIT-SAU919-S-CT

Tool Holder
CIT-SAU825-S-CT





SIGNATURE SERIES

Single-Ended Collet Sleeves

ER Style Collets are the tool holding system of choice for use in CNC machine applications. Swiss Precision collet sleeves provide rigid & accurate holding of ID tooling. These collet sleeves feature ground shanks and tapers. Mini nuts are used to reduce interference and to make setup and tool changing easier than collet sleeves with hexagonal clamping nuts.

Our Single Ended Swiss Precision Sleeves Feature:

- Locking Flats To Prevent Damage To Sleeve Shank & Provides Orientation For Use With Boring Bars
- Precision Ground & Hardened For Accuracy & Precision
- Internal Stop Screw Prevents Tool Pushback



SIGNATURE SERIES

Double-Ended Collet Sleeves

Double Ended Swiss Precision Sleeves Features:

- Adds Additional ID Tool Positions
- Enables Simultaneous Main & Subspindle Operations
- Precision Ground & Hardened To Ensure High Accuracy



SIGNATURE SERIES

Coolant-Fed Collet Sleeves

Coolant-Fed Collet Sleeves Features:

- Designed For High-Pressure Coolant Delivery Systems
- Single & Dual Coolant Port Versions Available
- Use With Sealed Coolant-Style ER Collets Or Standard Collets

www.genswiss.com

1-(413)-562-4800

sales@genswiss.com

6 Old Stage Road , Westfield, MA 01085

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